

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: )  
Tian-Li Wang *et al.* ) Confirmation No. 8148  
Application Serial No.: 10/705,874 ) Group Art Unit: 1636  
Filed: November 13, 2003 ) Former Examiner: Catherine Hibbert  
For: DIGITAL KARYOTYPING )  
 ) Atty. Docket No.: 001107.00391

**AMENDMENT AND RESPONSE**

Commissioner for Patents  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Dear Sir:

In response to the final Office Action dated March 31, 2009, please enter the following amendments, and reconsider the claims in light of the remarks. An RCE (request for continued examination) and a petition for a extension of time accompany this paper. If any additional fee is required to enter this amendment, please charge our deposit account no. 19-0733.

Amendments to the claims begin on page 2.

Remarks begin on page 6.